



US00D365081S

**United States Patent** [19]  
**Rodriguez**

[11] **Patent Number: Des. 365,081**  
[45] **Date of Patent: \*\*Dec. 12, 1995**

[54] **HIGH DENSITY DC-DC CONVERTER**

- [75] Inventor: **Edward T. Rodriguez**, Winchester, Mass.
- [73] Assignee: **Power Micro, Inc.**, Chelmsford, Mass.
- [\*\*] Term: **14 Years**
- [21] Appl. No.: **12,547**
- [22] Filed: **Aug. 30, 1993**
- [52] U.S. Cl. .... **D13/110**
- [58] Field of Search ..... **D13/110; 307/150; 363/15, 34, 143, 146; 361/111, 752, 823; 220/3.8**

**OTHER PUBLICATIONS**

- Powercube power supply on p. 180 of *EDN*, Feb. 17, 1992.
- Lamba converter on p. 76 of *Electronic Design*, Feb. 18, 1993.
- AT&T power module on p. 37 of *Electronic Design*, Jun. 24, 1993.
- IPD power supply on International Power Devices literature.

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[57] **CLAIM**

The ornamental design for a high density DC-DC converter, as shown and described.

[56] **References Cited**

**U.S. PATENT DOCUMENTS**

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**DESCRIPTION**

FIGS. 1 and 2 are bottom and top vantage point isometric views showing my new design for a high density DC-DC converter;

FIG. 3 is a top plan view of the high density DC-DC converter of FIG. 1;

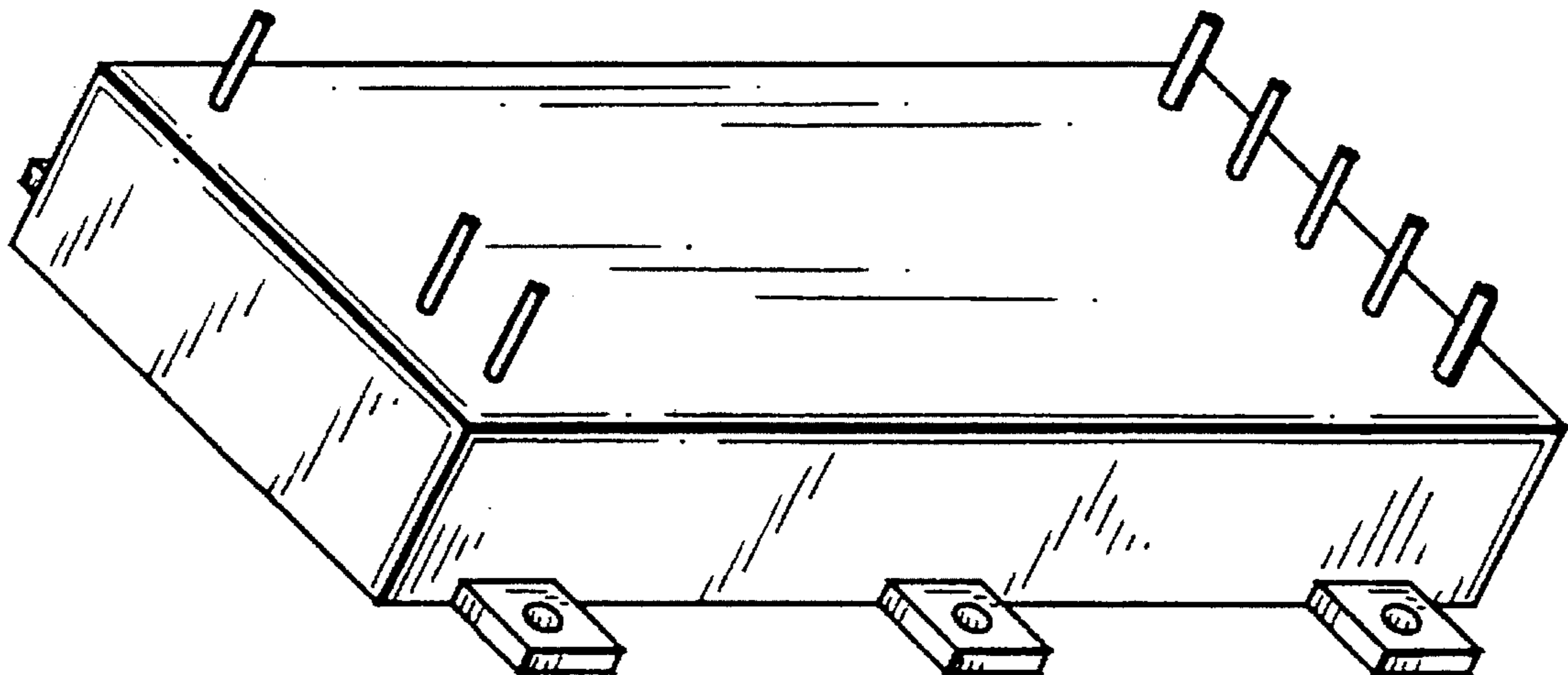
FIG. 4 is a side elevational view thereof, the opposite side being a mirror image of the high density DC-DC converter;

FIG. 5 is a bottom plan view thereof;

FIG. 6 is an end elevational view of the high density DC-DC converter; and,

FIG. 7 is an end elevational view thereof of the opposite side of the high density DC-DC converter of FIG. 6.

**1 Claim, 3 Drawing Sheets**



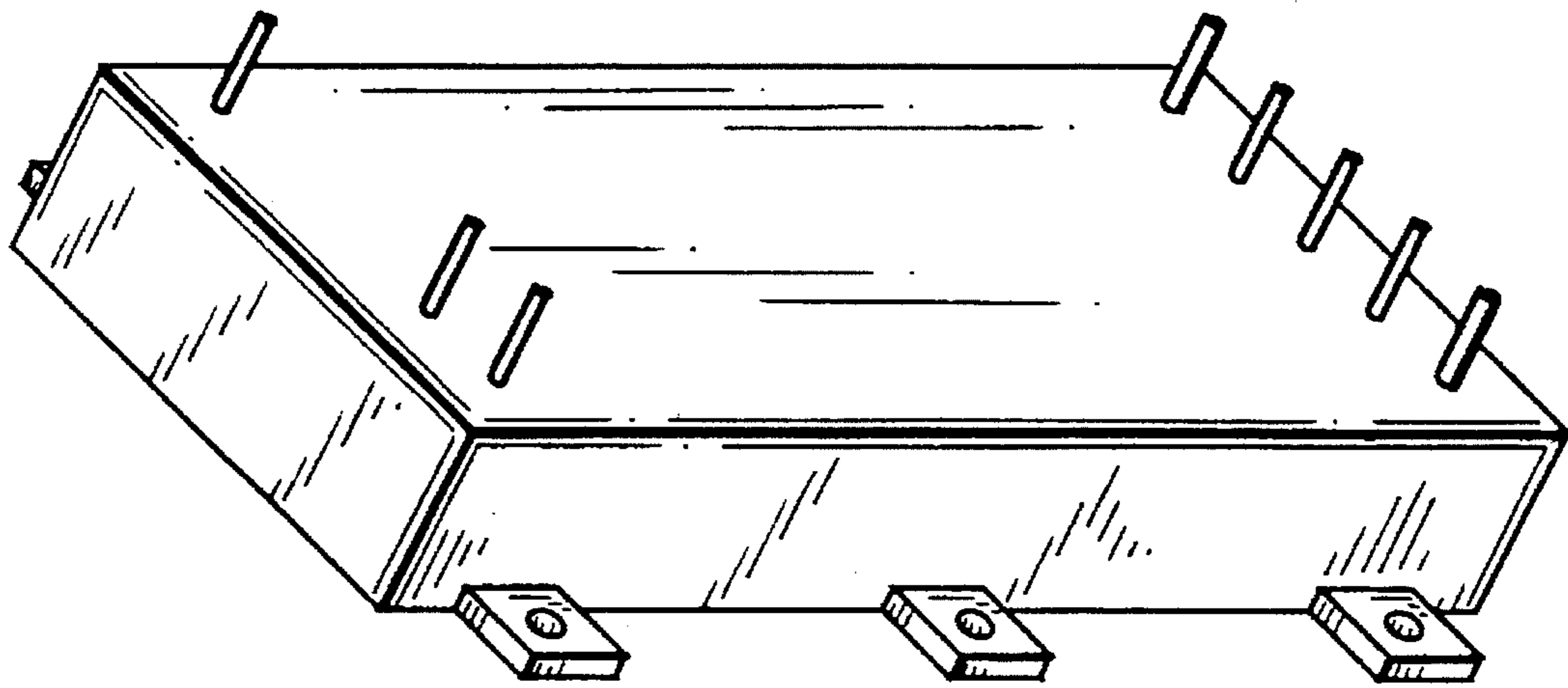


FIG. 1

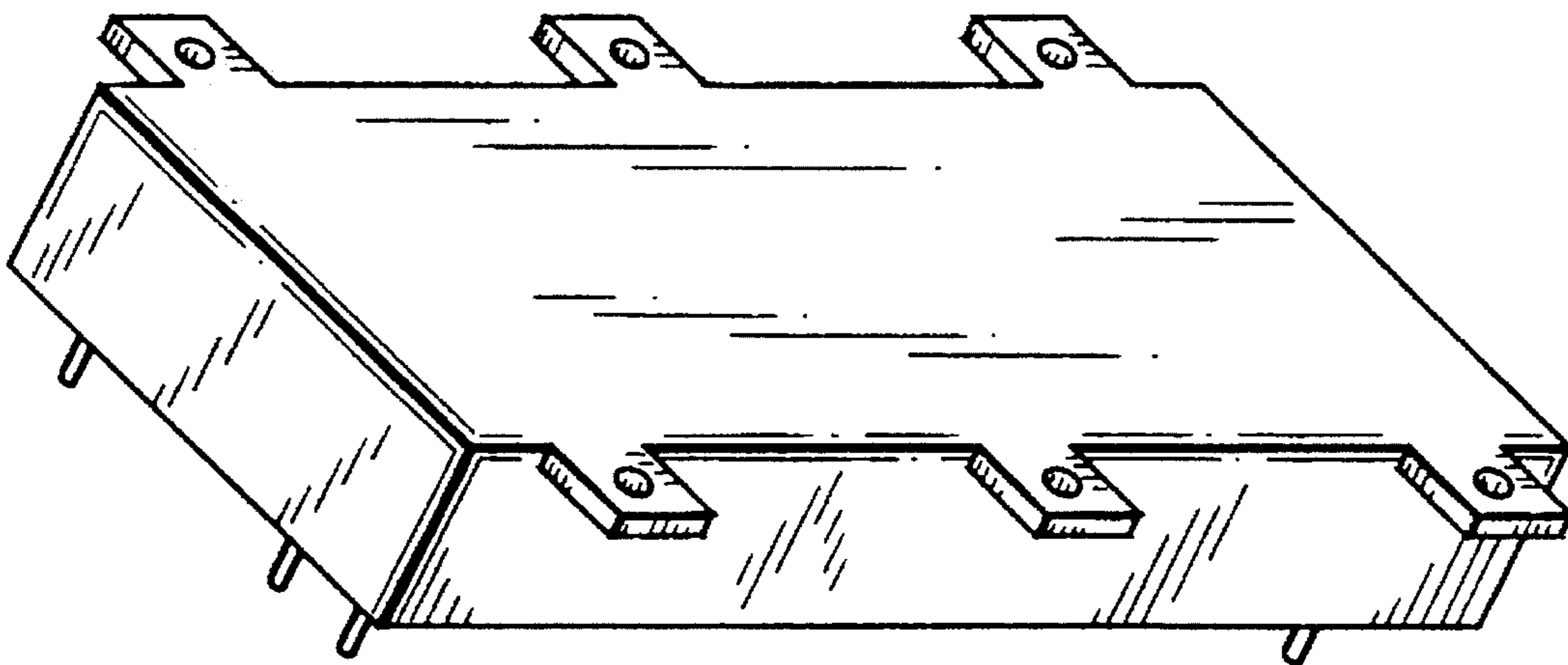


FIG. 2

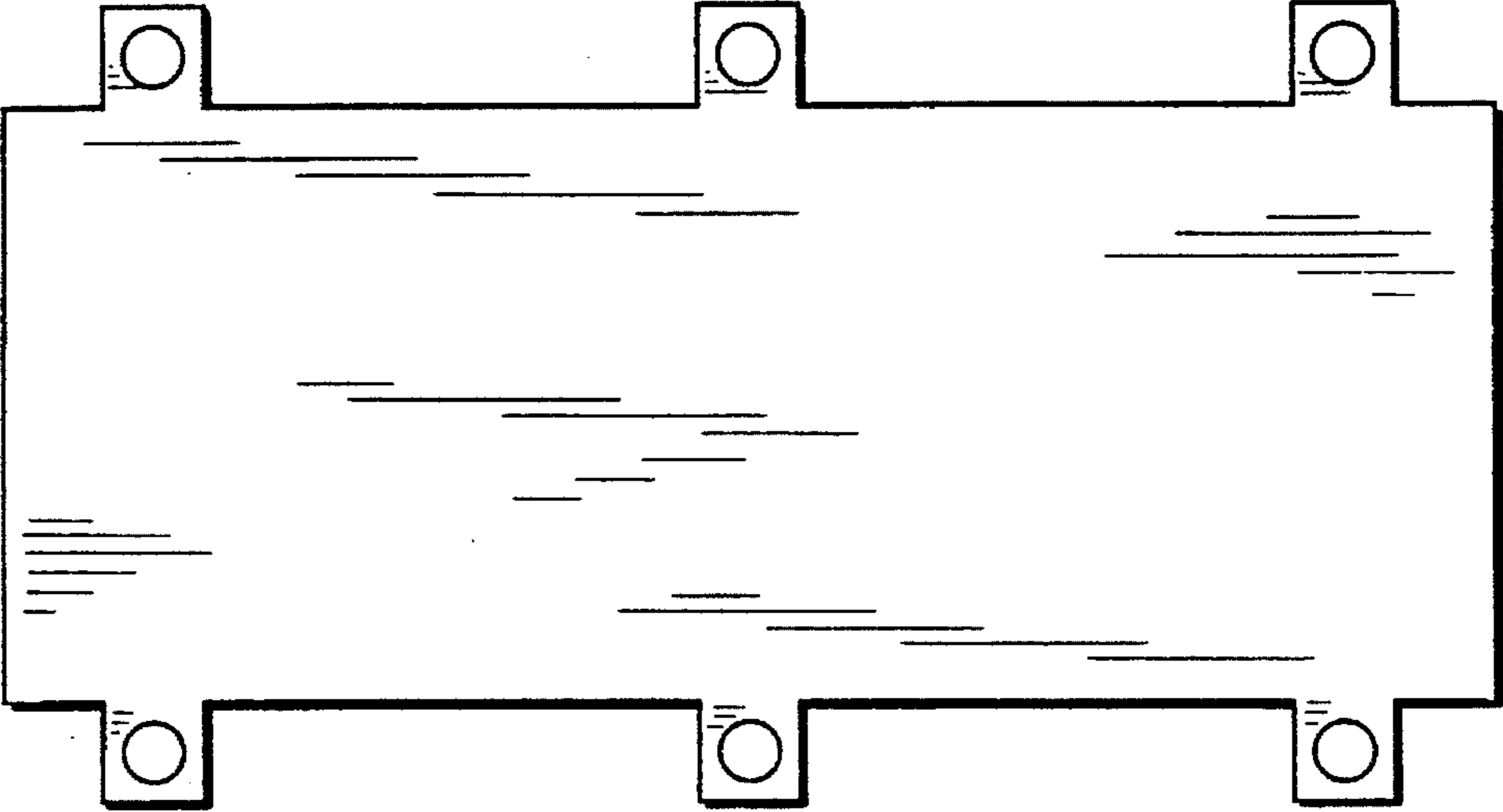


FIG. 3



FIG. 4

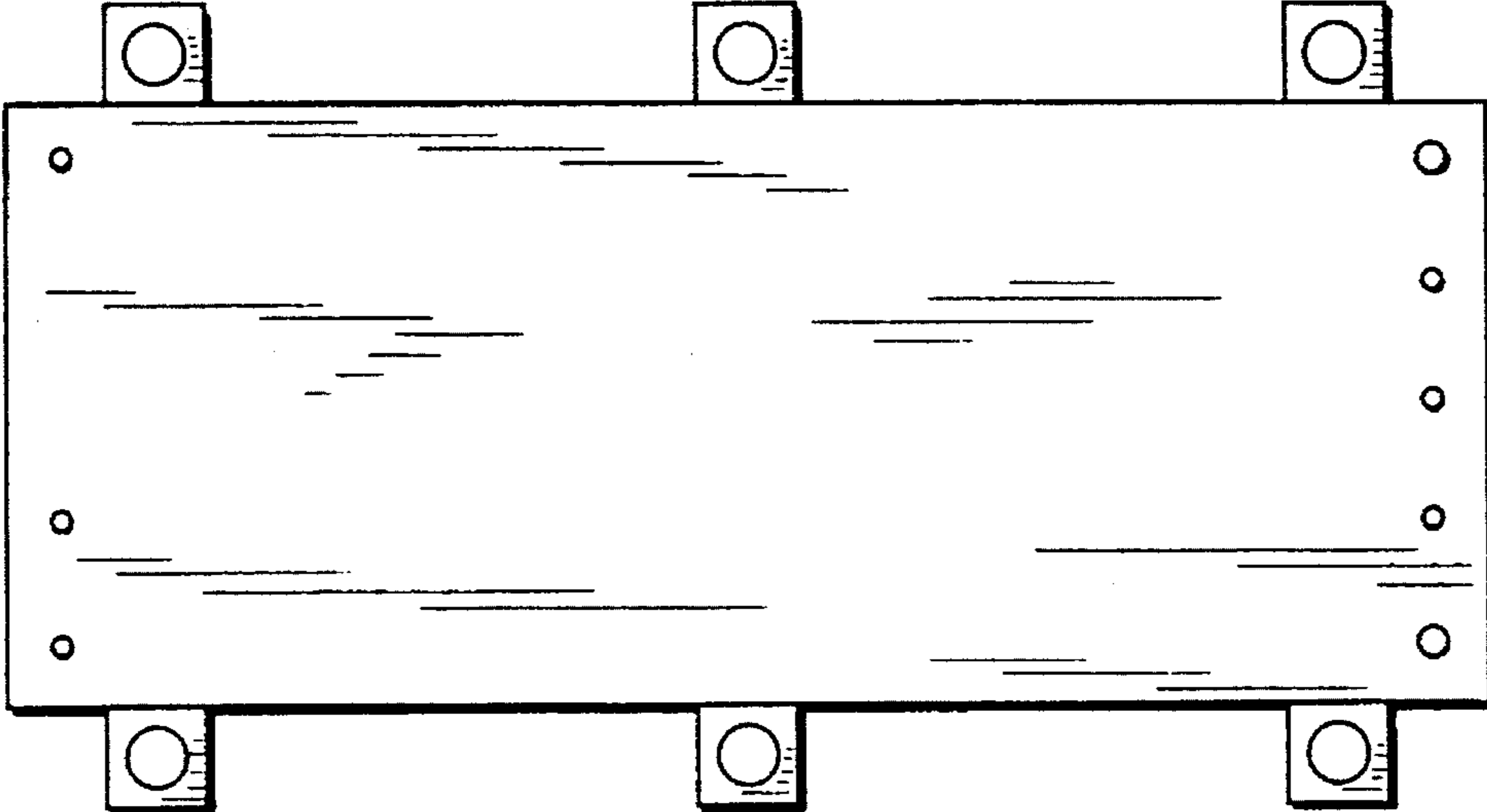


FIG. 5

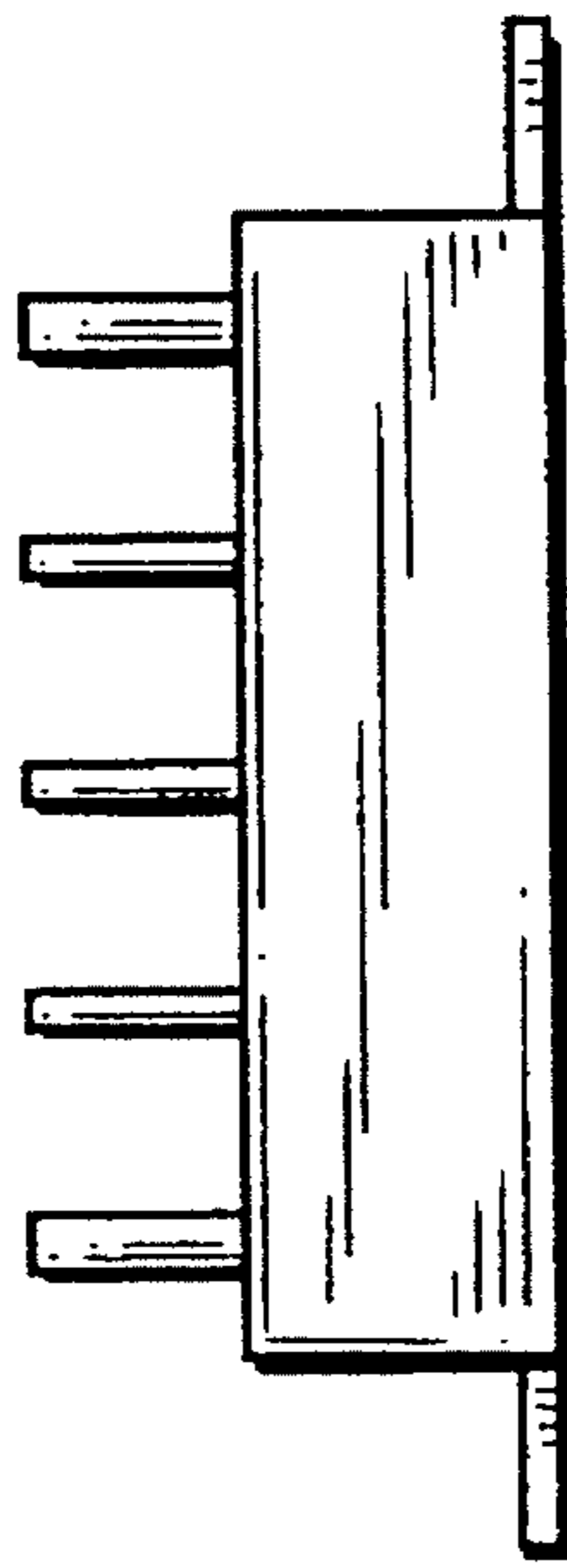


FIG. 6

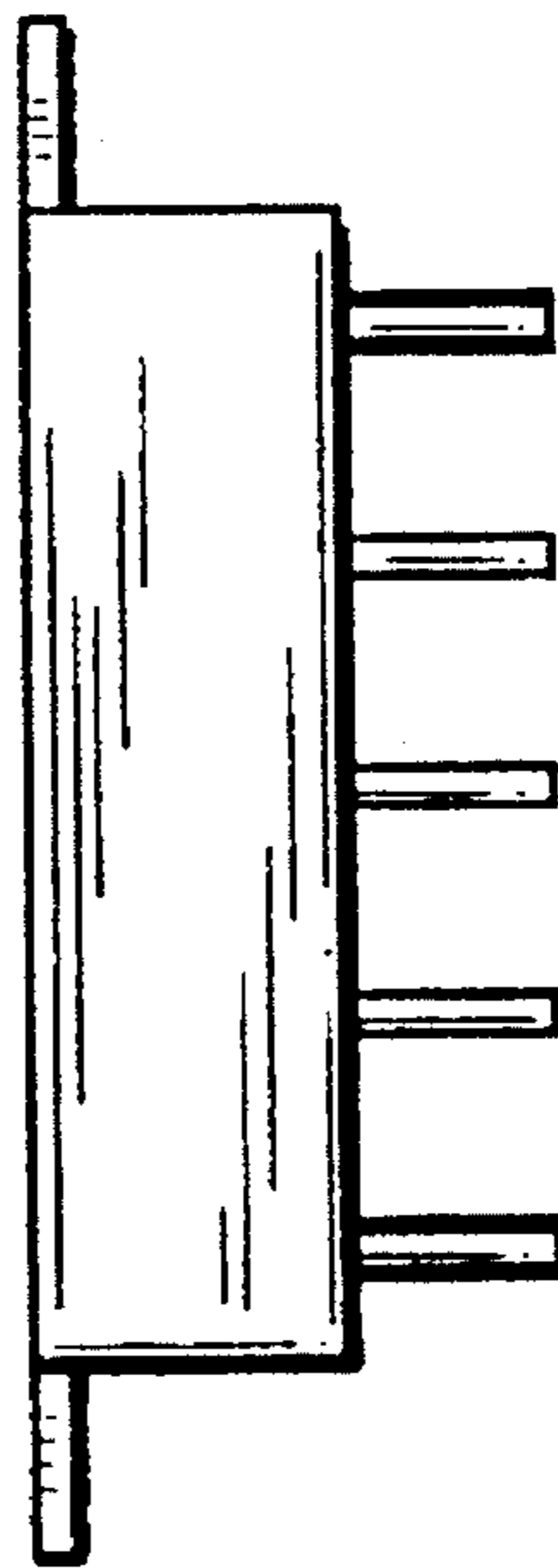


FIG. 7